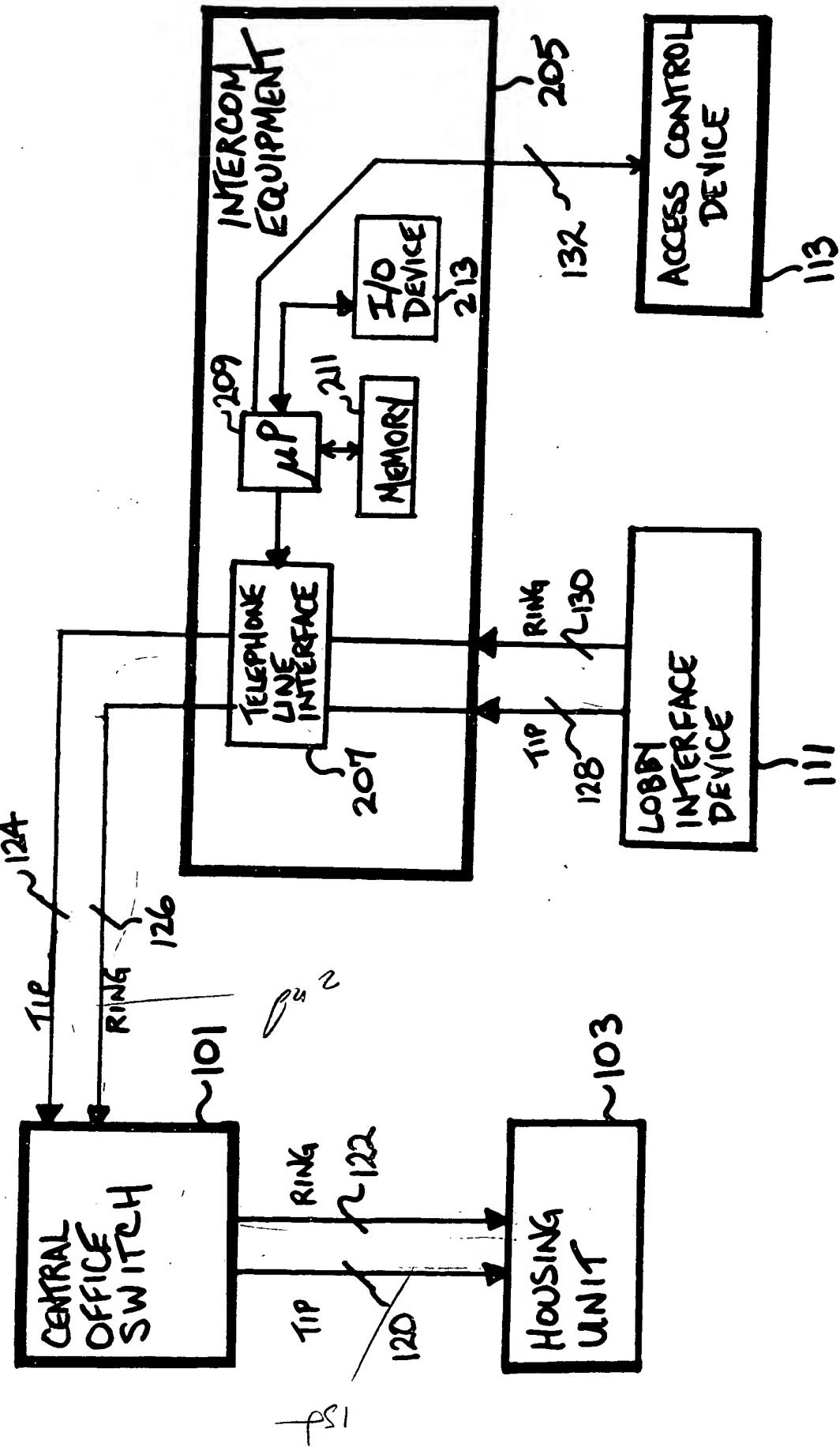


FIG. 1
PRIOR ART

FIG. 2



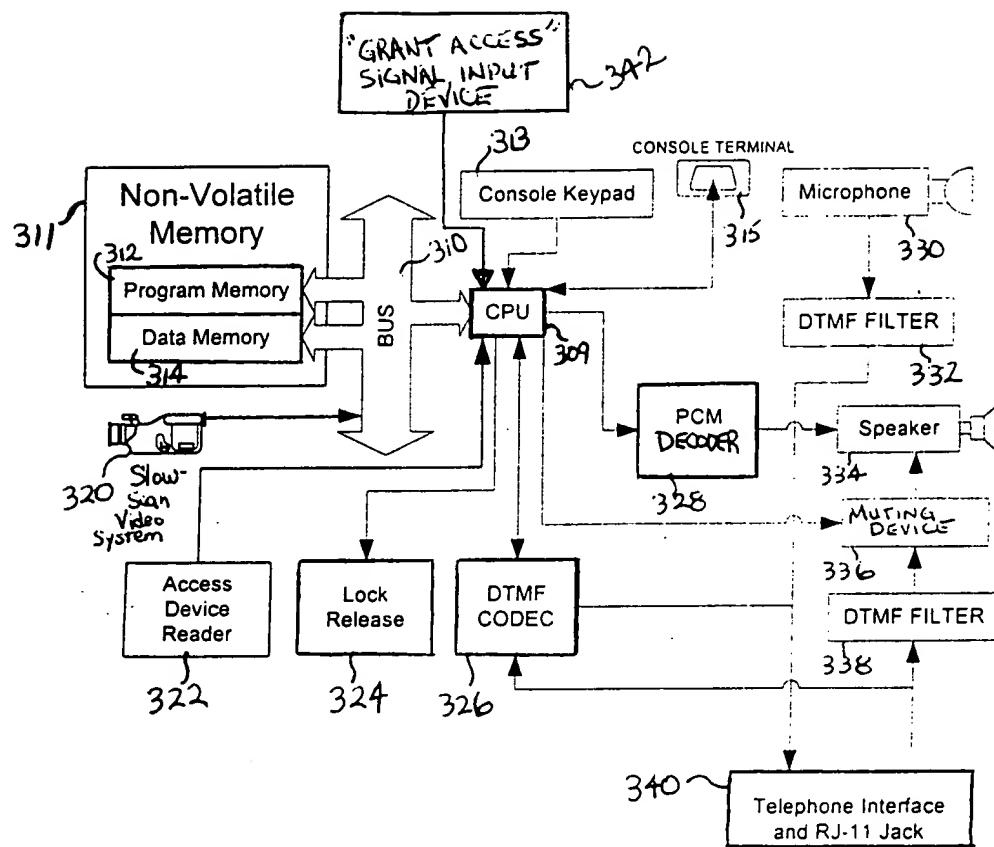


FIG. 3

VISITOR PRESSES ONE OR MORE KEYS ON THE CONSOLE KEYPAD TO NOTIFY A SELECTED OCCUPANT PREMISES OF THE VISITOR'S PRESENCE

401

CPU SEARCHES DATABASE OF TELEPHONE NUMBERS TO RETRIEVE A DATABASE ENTRY CORRESPONDING TO THE KEY OR KEYS PRESSED BY THE VISITOR. DOES THE CPU RETRIEVE A DATABASE ENTRY?

YES 403

NO

SEND ERROR MESSAGE TO SPEAKER

407

405

CPU SIGNALS DTMF CODEC TO DIAL TELEPHONE NUMBER SPECIFIED BY THE RETRIEVED DATABASE ENTRY

DTMF CODEC PLACES TELEPHONE CALL OVER DEDICATED ANSWERING SERVICE TELEPHONE LINE TO CENTRAL SWITCHING OFFICE

409

TO FIG. 4B
BLOCK 411

FIG. 4A

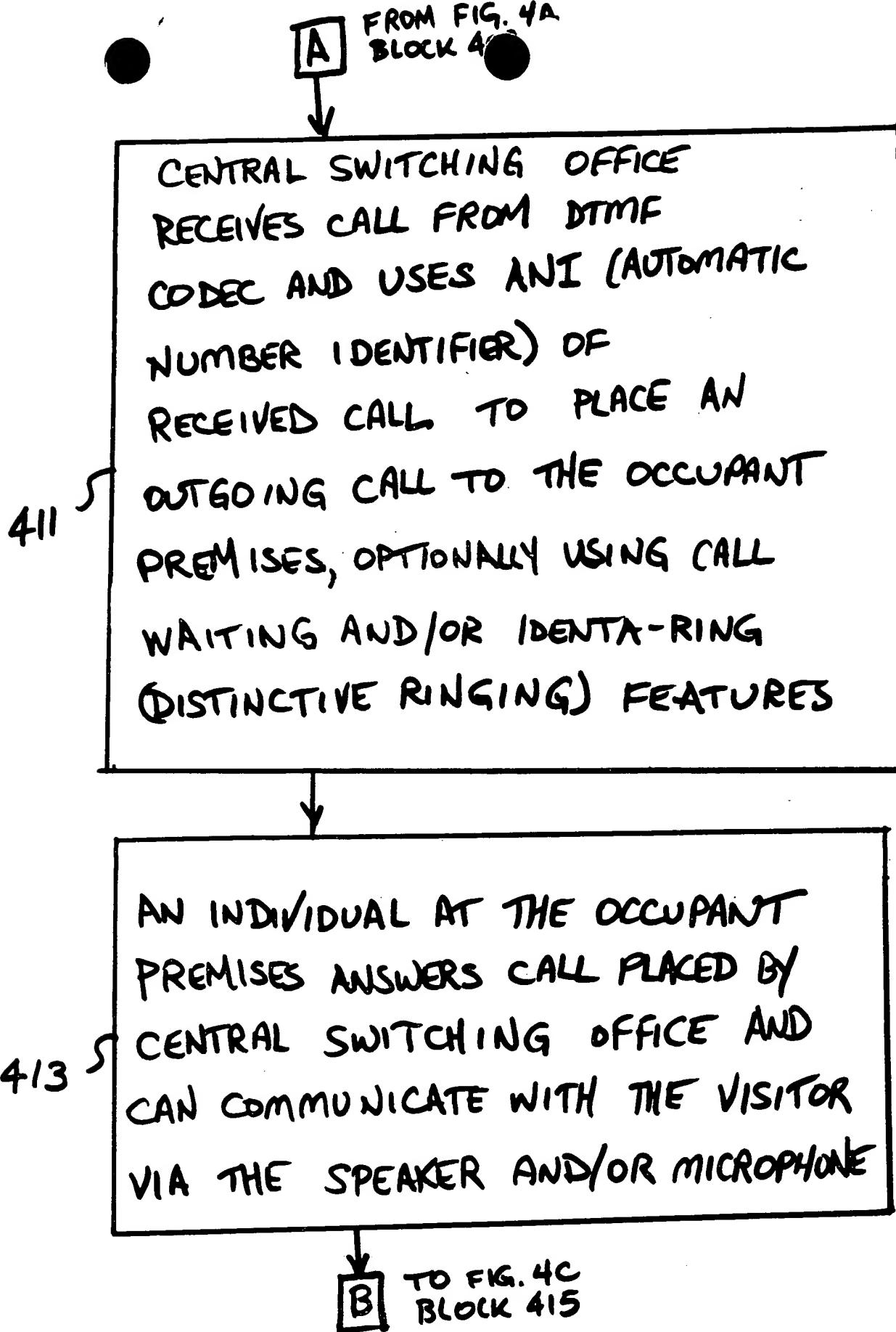


FIG. 4B

FROM FIG. 4B
BLOCK 413

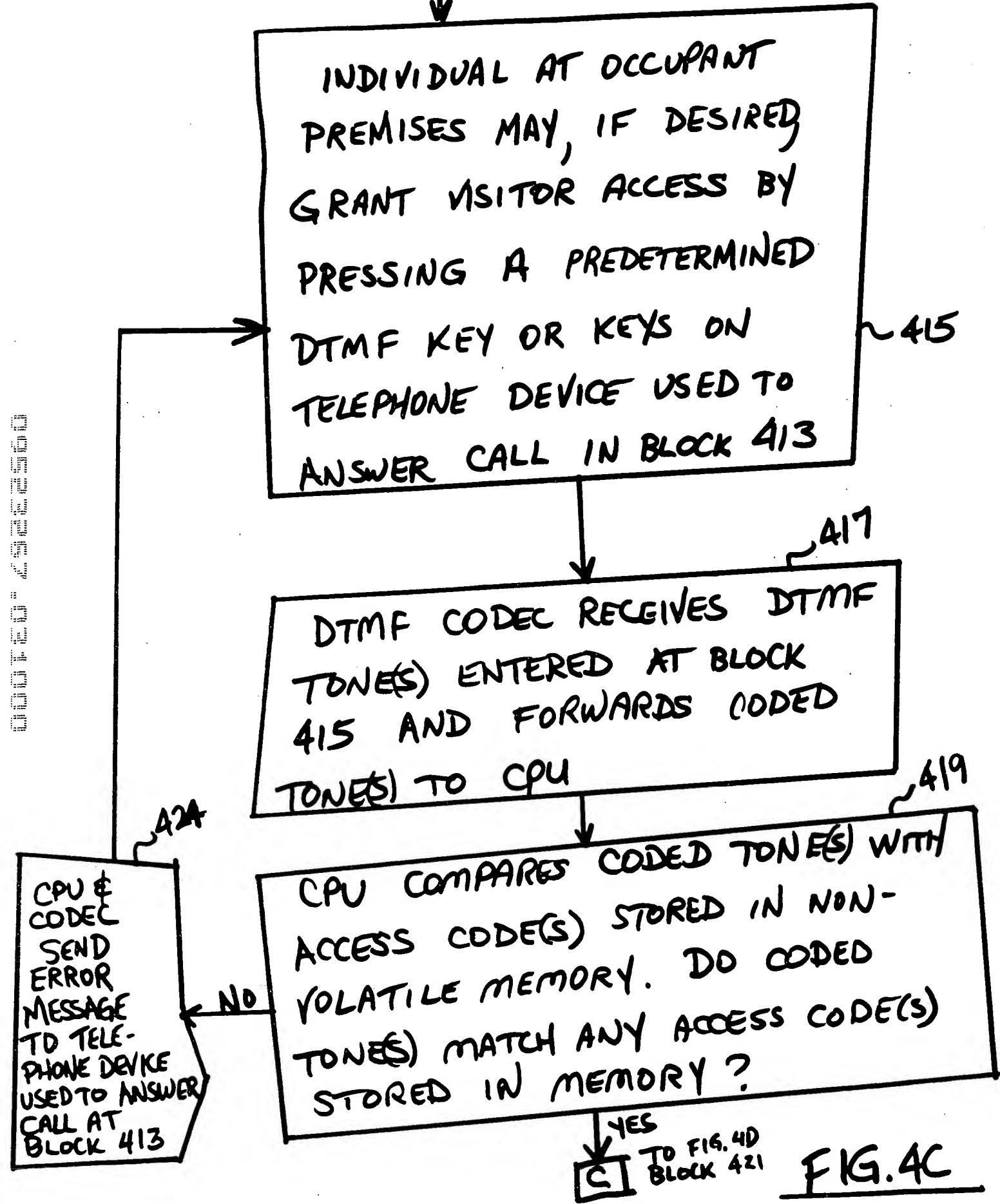


FIG. 4C

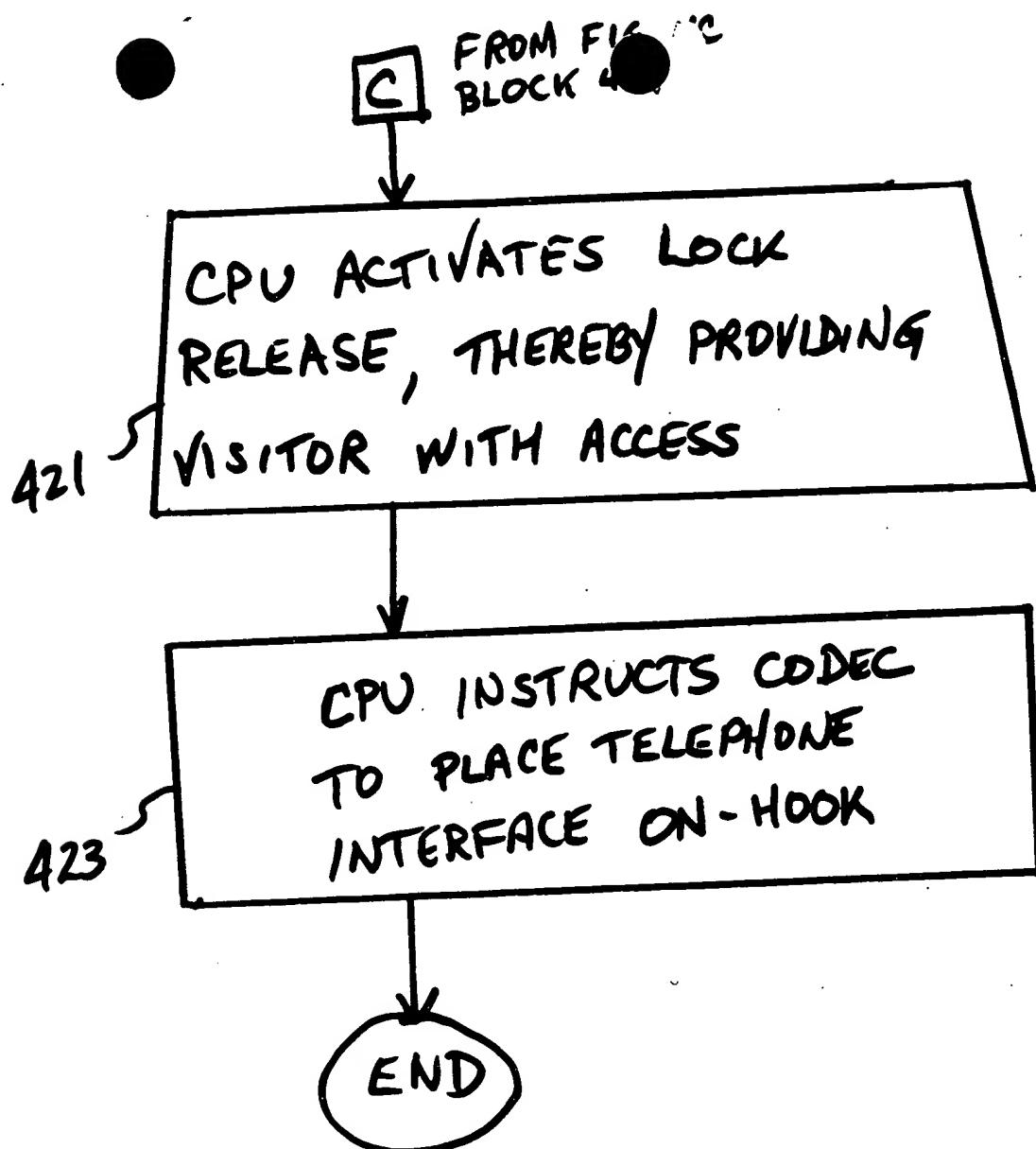


FIG. 4D

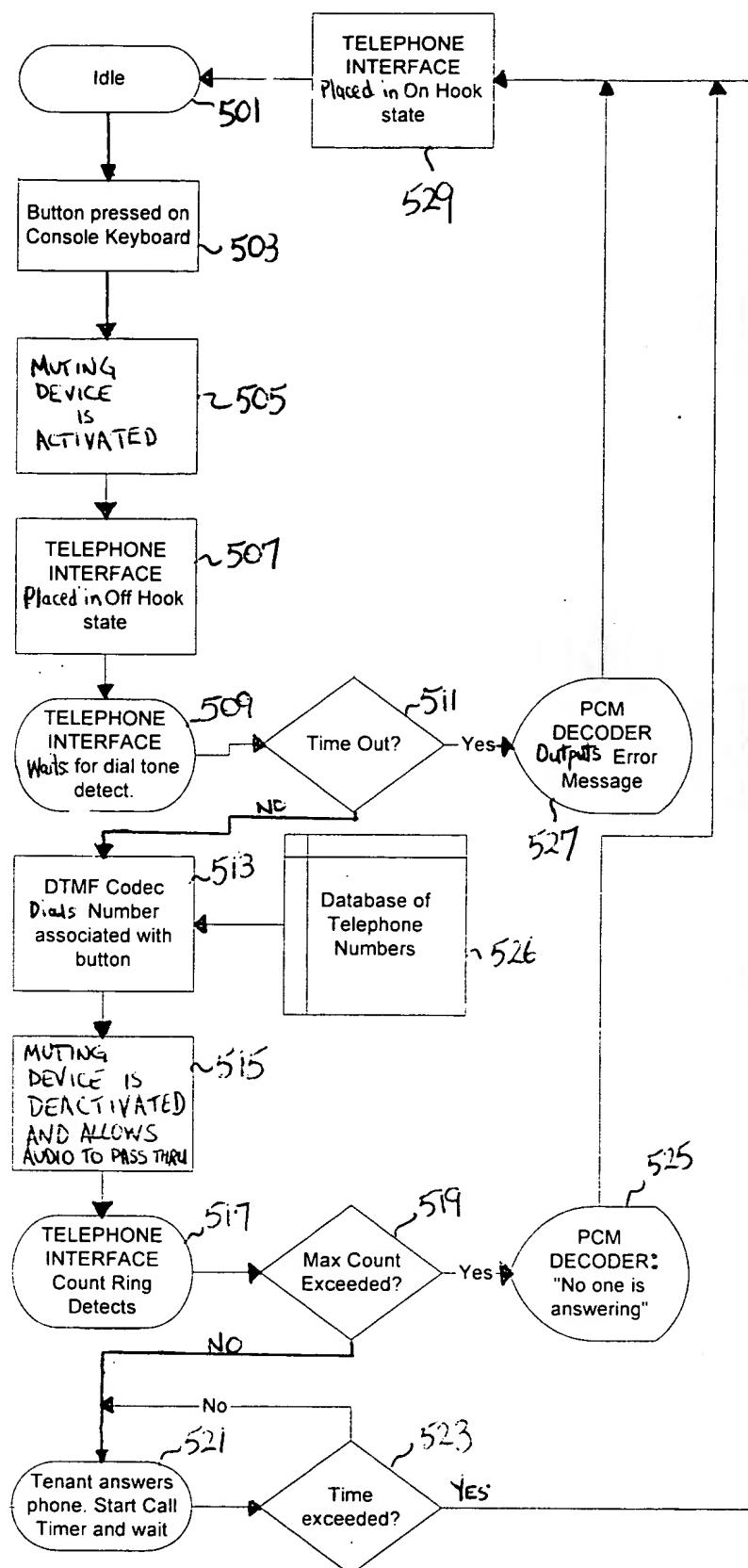


FIG. 5

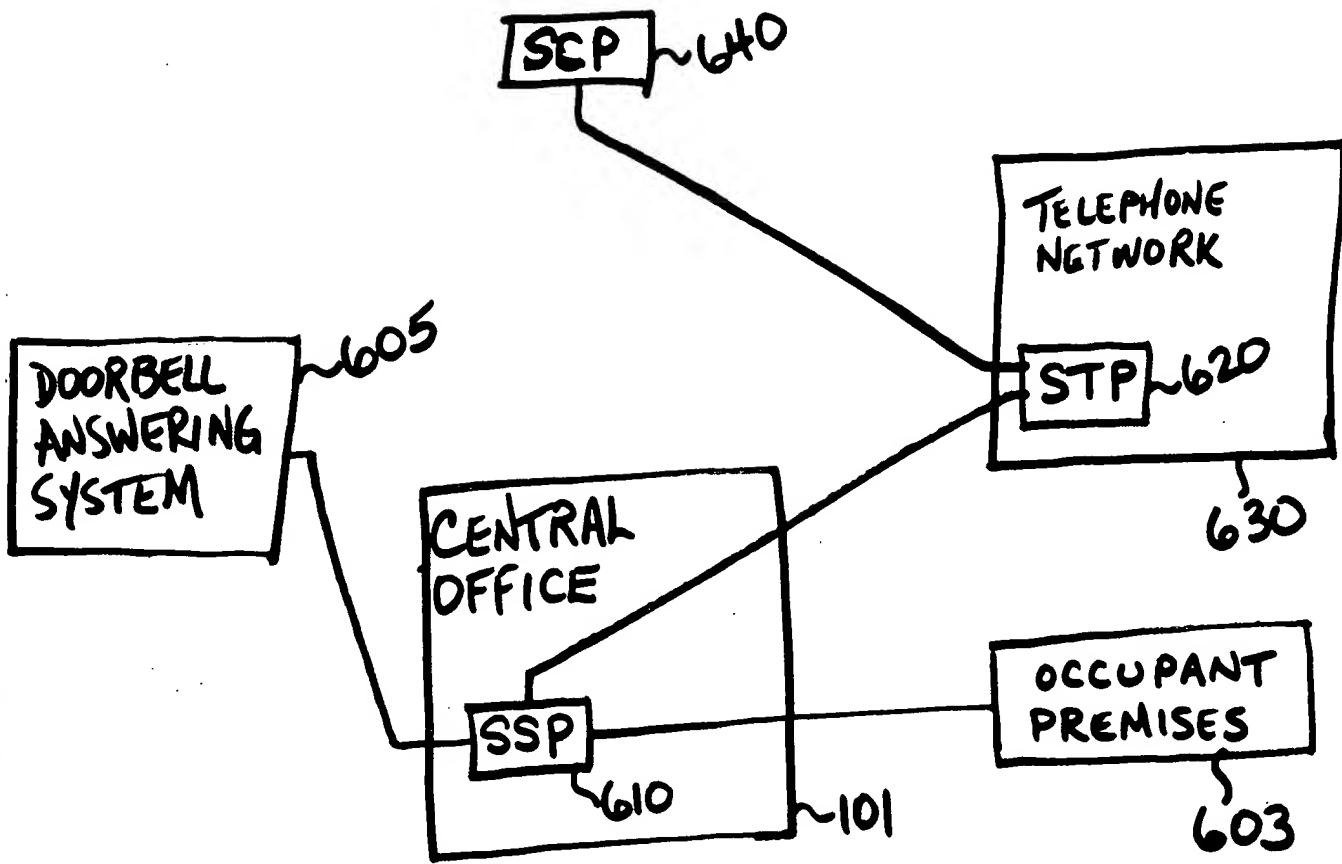


FIG. 6

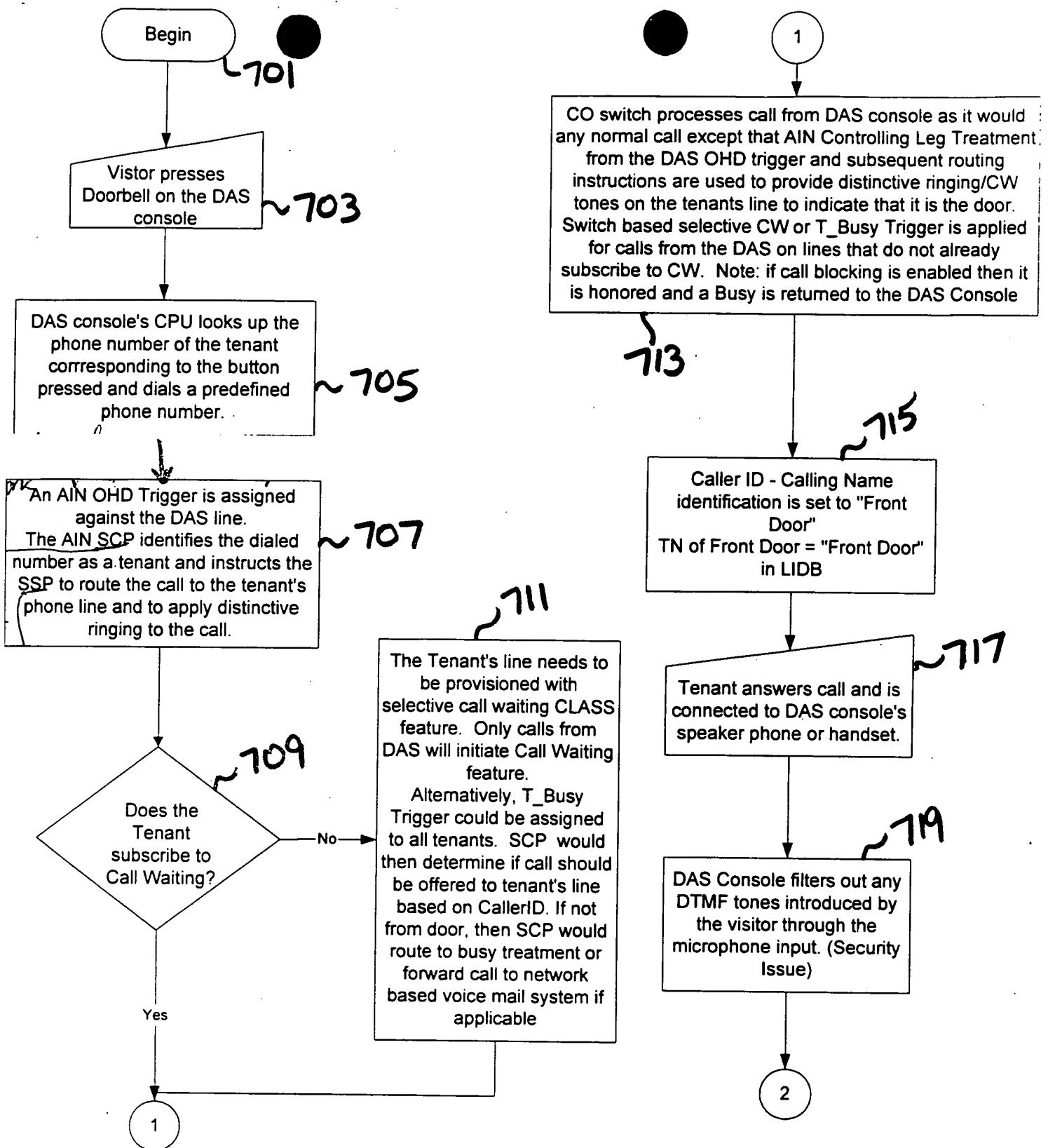


FIG. 7A

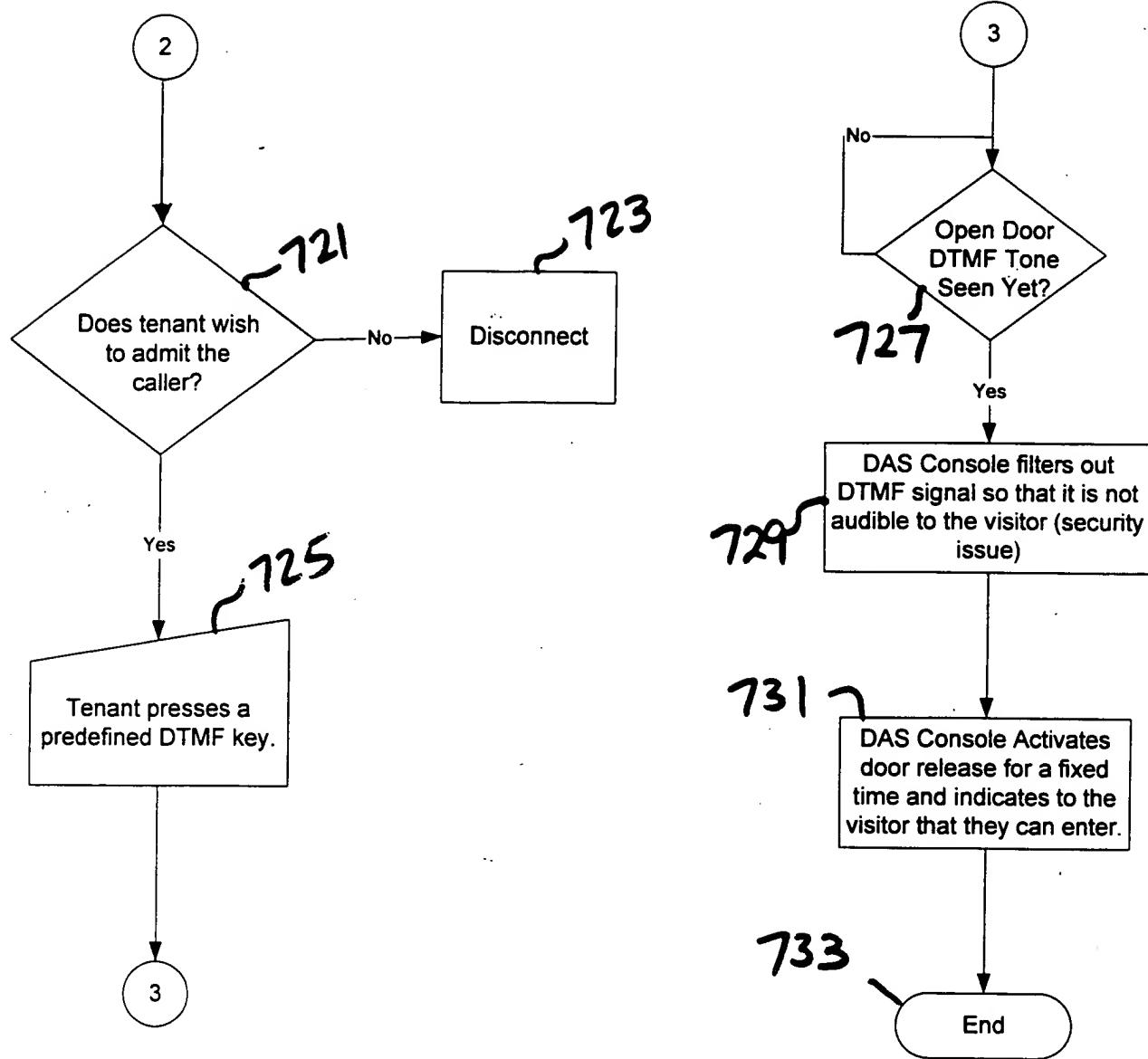


FIG. 7B